Use Attainability Analysis

for

WBID 1032 Sanford Creek

Submitted by Tetra Tech. Inc.

To Missouri Department of Natural Resources Water Protection Program

(ECEMED

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

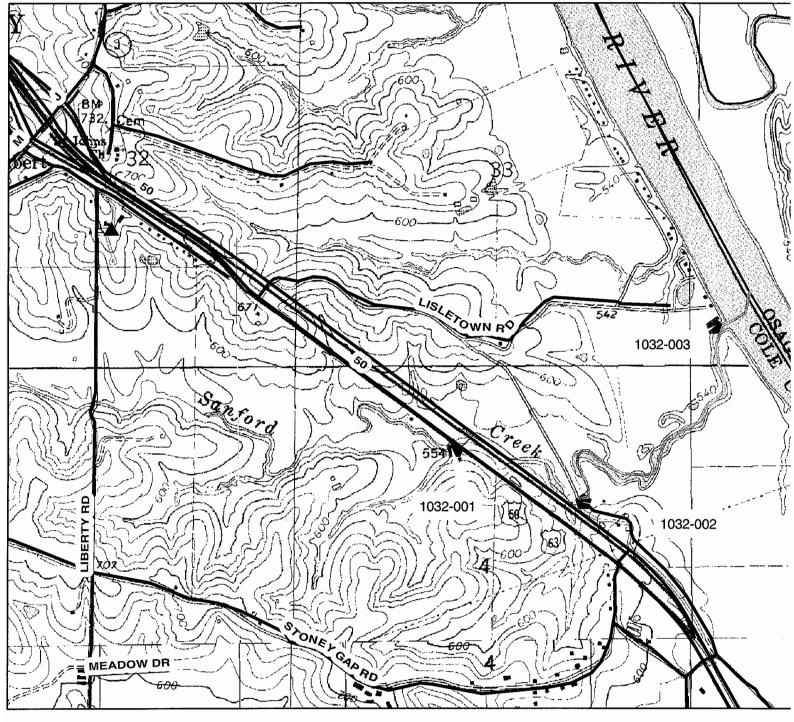
Water Body Name: (from USGS 7.5' quad) Sanford Creek	
8-digit HUC: 10290111	
Missouri WBID #: 1032	
County: Cole	·
Upstream Legal Description:	
Downstream Legal Description:	<u> </u>
Upstream Coordinates: N 38.49984 W92.06759	
Downstream Coordinates: N 39. 50664 W92. 0275	·
Discharger Facility Name(s): CU, St. Francis Xqvis School	
Discharger Permit Number(s):	
Number of Sites Evaluated:	
Name of Surveyor and Telephone Number: \(\mathcal{D}\text{B} \) \(\mathcal{H10} - \frac{356}{56} - \frac{8993}{9993} \)	
Organization: T+	
Position: Scientist	

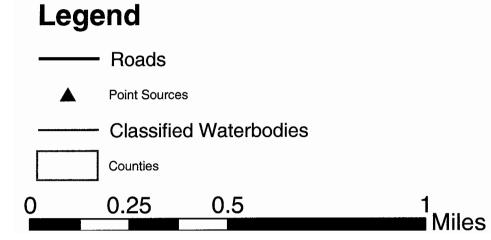
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.



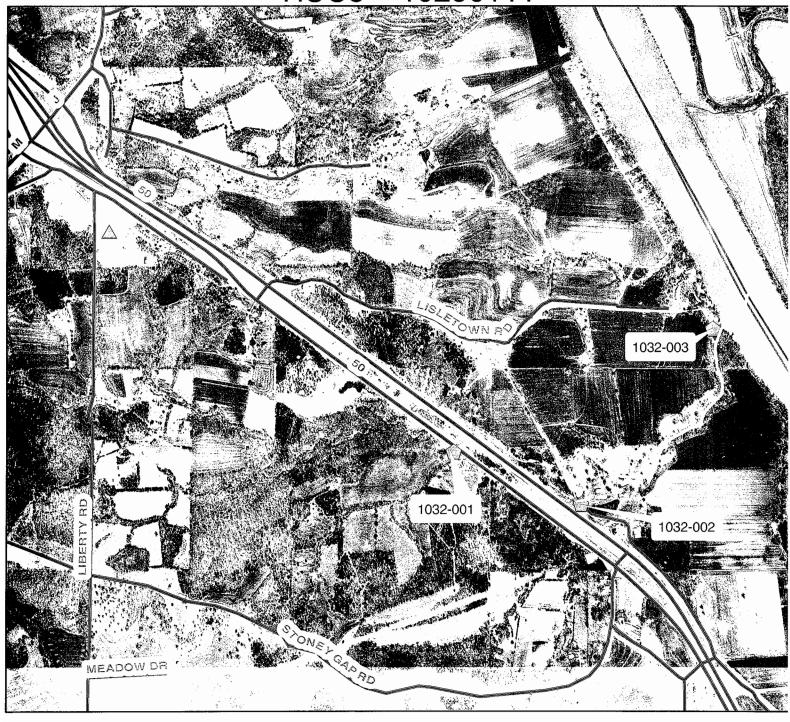
© 2002 DeLorme (www.delorme.com). Topo USA @ Data copyright of consequently of the Scale: 1:34,375 Map Rotation: 0° Magnetic Declination: 1.6°E

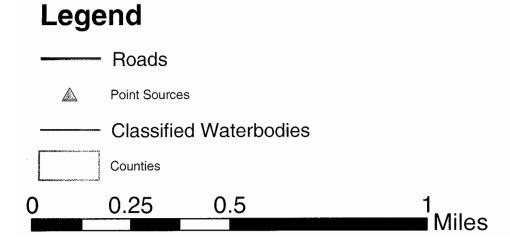
Sanford Creek (C) #1032 Cole County HUC8 = 10290111





Sanford Creek (C) #1032 Cole County HUC8 = 10290111







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#:	490A (1037	8	Site Location Description:				
Site GPS Coordinates: N			100m D5	of 49/A			
Date & Time: 7/7/		-47715		Facility Name: St. Francis Xavis			
Personnel:	Jß		Permit Number				
Current Weather Condition	ns: Clear 8	2.1 5	Weather Condit	tions for Past 7 days:			
Photo Ids: Upstream:	076 Dow	nstream:	070 Othe	r: Linstock 2072	-		
Jses Observed*:							
☐ Swimming ☐ Skin diving ☐ SC			UBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	□ Bo	ating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	□ Fis	hing	None of the above	☐ Other:		
Describe: (include numbe	er of individuals recu	reating, frequ	ency of use, photo	-documentation of evidence	of recreational uses, etc.)		
Surrounding Condition	S*: (Mark all that p	promote or in	npede recreational	uses. Attach photos of evide	nce or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC c	onservation lands	☐ Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ Nationa	l forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	Steep sl	opes	Other: Agriculte	ve ·		
Evidence of Human Us	e*:			_			
Roads	☐ Foot paths/pri	nts 🗆	Dock/platform	Livestock Watering	☐ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites		Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
Other:		•	· · · · · · · · · · · · · · · · · · ·		<u> </u>		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

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Page T	'wo - Data Si	heet B for WI	3ID# 490A	. :				
Stream Ups	n Morpholog stream View 1	y: Physical Dim	ensions: O, (O	0.16.0.	04 0.10	8, 0,16		
	Riffle Width	(ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):		
	☐ Run Width (ft): Length (Length (ft):	Avg. Depth (Max. Depth (ft):		
(C)	Colpool Width (ft): 9,6m Length (ft): 00m		Avg. Depth	(ft): 0.19~	Max. Depth (ft): 0.48~			
	Flow Present	?	iΣγν₀	Estimated (ft	Estimated (ft³/sec):			
Downstream View Physical Dimensions: 0.32, 0.54, 0.50, 0.26, 0.12								
	Riffle Width	(ft):	Length (ft):	Avg. Depth	~ ~)	Max. Depth (ft):		
	Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	_	
<u> </u>	Pool Width	(ft): 3.5m	Length (ft): $\mathcal{J}\mathcal{O}$	Avg. Depth	(ft): 0.35m	Max. Depth (ft): 0.54~		
প্র	Flow Presen	t? ☐ Yes	☑ Νο	Estimated (fi	³ /sec):			
Subst	rate*: (These			% Sand 20	% Silt (<	O% Mud/Clay % Bedroc	k	
1	one Characteris		it of vegetation or alga	al growth at the asse	essment site)			
1	ior:	☐ Sewage	<u> </u>	□ Chemical	None	□ Other:		
Co	olor:	☐ Clear	☐ Green	□ Gray _	Milky	Wother: Rown		
В	ottom Deposit:	□ Sludge	☐ Solids	Fine sediments	□ None	☐ Other:		
Su	rface Deposit:	□ Oil	∂ ≷scum	☐ Foam	□ None	☐ Other:		
Surface Deposit: Oil Scum Poam None Other: Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: Date: 07/47/45 Organization: Team Team See See 7257								

(50 m





1032_490_livestock_watering



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

,						
	Missouri WBID#: 40 10327			Site Location De	• •	
	Site GPS Coordinates: N 38, 50686 W92,02874			100m 05 at 492		
	Date & Time: 7/7/05 +500 1700			Facility Name:	St. Francis Kavier	
	Personnel:	JR		Permit Number:		
	Current Weather Condition	ns: Clear	85%	Weather Condition	ons for Past 7 days:	
	Photo Ids: Upstream:	069 Dow	nstream: Q	OG D Other	:	
Us	es Observed*:					
	☐ Swimming	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing
	☐ Wind surfing	☐ Kayaking	☐ Bo	ating	☐ Wading	☐ Rafting
	☐ Hunting	☐ Trapping	☐ Fisl	hing	None of the above	Other:
	Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)					
					• .	
	<u></u>					
Su	rrounding Condition	s*: (Mark all that p	promote or im	pede recreational u	ses. Attach photos of evider	nce or unusual
	ns of interest.)				_	
	☐ City/county parks	☐ Playgrounds	☐ MDC co	nservation lands	☐ Urban areas	☐ Campgrounds
	☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway
	☐ No trespass sign	☐ Fence	(DKSteep slo	pes	Other:	
T 7-		-				
Ľ١	idence of Human Us	e*:				· · · · · · · · · · · · · · · · · · ·
	Roads	☐ Foot paths/prin	nts 🗆 🗆	Oock/platform	☐ Livestock Watering	RV / ATV Tracks
	☐ Rope swings	☐ Camping Sites	□ F	ire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
	☐ Other:					
					· · · · · ·	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 4914 (1032)

	eam Morj Jpstream		: hysical Din	nensions:	0.10,0.28,	0.38,	0.20,8).16
Γ	□ Riffle	Width (f	_	Length (ft):	Avg. Depth	,	Max. Depth	(ft):
	□ Run	Width (f	i):	Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):
[Pool	Width (f	0: 5.6m	Length (ft):	20 m Avg. Depth	(ft): 0.21m	Max. Depth	(ft): 038m
(⊠ Flow	Present?	 ☐ Yes	(DYNo	Estimated (f	t³/sec):		
Į	<u>Downstre</u>	am Viev	v Physical I	Dimensions:	0.14,0.	90'O	90, O,	20,0.14
	☐ Riffle	Width (f	t):	Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):
	□ Run	Width (f	t):	Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):
2	[∑\Pool	Width (f	0: 7,2m	Length (ft):	20m Avg. Depth	(ft): 0.18~	Max. Depth	(tt): () 20m
	Flow	Present?	□ Yes	No No	Estimated (f	t ³ /sec):		·
Ĺ	10 9	% Cobble	(d) %		or algal growth at the asse	% Silt	% Mud/Clay	% Bedrock
Wa		_	ics*: (Mark a	all that apply.)				
-	Odor:		□ Sewage	☐ Musky	☐ Chemical	©XNone	Other:	<u> </u>
-	Color:	····	□ Clear	☐ Green	☐ Gray	Milky		3102
-	Bottom De	 	Sludge	Solids	EXFine sediments	□ None	☐ Other:	-
Į	Surface De	eposit:	□ Oil	Scum	☐ Foam	□ None	☐ Other:	
*Th	Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.							
dat			hereby affi d accurate		st of my knowledge, t	7/7	7/05	d on this UAA
Org	ganization	<u> </u>	क्रान	lech	Positio	n: Enri	vumutal 5	crentis!

1032_491_US







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 4	Missouri WBID#: 492 (1032)			Site Location Description:			
Site GPS Coordinates: N	38.50784 W9.	1.03081	North Co	North Crossing on US50			
Date & Time: 7/7	/05		Facility Name:	St Francis Yaville	5		
Personnel: CB	, -	15	Permit Number:				
Current Weather Condition	ons: Partly Cla	A 75°F	Weather Conditi	ons for Past 7 days:			
Photo Ids: Upstream:	1067 Dow	nstream:	2066 Other	:			
Jses Observed*:							
☐ Swimming	☐ Skin diving	□ sc	CUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	□во	oating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	□ Fig	shing	None of the above	Other:		
Describe: (include numb	er of individuals reci	vering, avy	uoney or use, photo				
Surrounding Condition							
		promote or in					
Surrounding Condition tems of interest.)	15*: (Mark all that p	promote or in	mpede recreational u	ses. Attach photos of evide	nce or unusual		
Surrounding Condition tems of interest.)	IS*: (Mark all that p ☐ Playgrounds	oromote or in	mpede recreational u conservation lands	uses. Attach photos of evidence. Urban areas Nature trails	nce or unusual		
Surrounding Condition tems of interest.) □ City/county parks □ Boating accesses	IS*: (Mark all that p ☐ Playgrounds ☐ State parks ☐ Fence	oromote or in	mpede recreational u conservation lands	uses. Attach photos of evidence. Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway		
Surrounding Condition tems of interest.) City/county parks Boating accesses No trespass sign	IS*: (Mark all that p ☐ Playgrounds ☐ State parks ☐ Fence	oromote or in MDC c Nationa	mpede recreational u conservation lands	uses. Attach photos of evidence. Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway		
Surrounding Condition tems of interest.) City/county parks Boating accesses No trespass sign	IS*: (Mark all that p ☐ Playgrounds ☐ State parks ☐ Fence	oromote or in MDC c Nations Steep sl	mpede recreational u conservation lands al forests lopes	Urban areas □ Nature trails Other: Chaneh	Campgrounds Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 492 (1632)

	eam Morp Upstream			nensions:	0.10,	0.16	,0.20,0),20,(0.16
		Width (ft		Length (ft):		vg. Depth		Max. Depth	
1	Run	Width (fr):	Length (ft):	A	vg. Depth	(ft):	Max. Depth	(ft):
	(D) Pool	Width (fi): 2.1m	Length (ft):	20 m A	vg. Depth	(ft): Oilbm	Max. Depth	(ft): O.20m
	Flow	Present?	☐ Yes (Ĵ¤(No	.E	stimated (f	t³/sec):	· · · · · · · · · · · · · · · · · · ·	-
	Downstrea	m Viev	Physical	Dimensions:	0.30), O.,	36, 0.36	0,40,	0.10
	☐ Riffle	Width (f	:):	Length (ft):	A	vg. Depth	(ft):	Max. Depth	(ft):
	Run	Width (f	i):	Length (ft):	Α	vg. Depth	(ft):	Max. Depth	(ft):
	™ Pool	Width (f	0: 4.3m	Length (ft):	20m A	vg. Depth	(ft): 0.30m	Max. Depth	(A): 0,40m
	☑ Flow	Present?	☐ Yes	☑ No	E	stimated (f	it ³ /sec):	-	
Su	bstrate*:	(These va		add up to 100%.) Gravel	> % Sand	ં કેઇ	% Silt 5	% Mud/Clay	% Bedrock
							, -	70 3.220 0.22	70 2000cm
Αç			(note amou	int of vegetation o	or algal growth	at the asse	essment site)	···	
	N_{i}	51)C					-		
W	ater Chara	acterist	cs*: (Mark	all that apply.)	- ,				
	Odor:		☐ Sewage	☐ Musky	□ Chen	nical	ĈZ(None	☐ Other:	
	Color:		☐ Clear	☐ Green	☐ Gray	_	□ ⟨Milky	ØKOther: ⟨	Prown
	Bottom De	posit:	□ Sludge	☐ Solids	(E) Fine	sediments	□ None	Other:	
	Surface De	posit:	□ Oil	Scum	□ Роап	1	- D-None Job	Other:	
*Ti con dec	Comments: Please attach additional comments (including information from interviews) to this form. This information is not to be used solely for removal of a recreational use designation but rather is to provide a more omprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a lecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. The undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA latasheet is true and accurate.								
Sią	gned:	/	= 3	<u>K</u>	<u> </u>	_Date:_	7/7/0)5	
Ог	ganizatiøn:	<u></u>	tra Tea	<u>, h</u>		_ Positio	n: Envison	uental Sci	ent sy

1032_492_US



1032_492_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Mineral HVDID # 116	Missouri WBID #: 493 (1033)				cription:	· · · · · · · · · · · · · · · · · · ·	
	J (10 204)			Flood Area Cassay in Liberty East at R+M			
Site GPS Coordinates: N		.04835					
	1/00 1000			ne:	St Frankik Xavilor	·	
Personnel: ⊂\\(\beta\)							
Current Weather Condition	Current Weather Conditions: Clear 86%				ns for Past 7 days:		
Photo Ids: Upstream:	2065 Down	nstream:	2064	Other:		-	
Jses Observed*:							
☐ Swimming	☐ Skin diving	□s	CUBA diving		☐ Tubing	☐ Water skiing	
□ Wind surfing	☐ Kayaking	□ B	Boating		☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	□F	ishing		☐KNone of the above	☐ Other:	
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational user Kraiz Lostens Play in wat (children) Taos, MU Sometimes Fish						of recreational uses, etc.)	
Krain Lostens	(children)						
Tom Mo	Sometim	nes (i)	sh				
1000), 11							
<u>. </u>						in the same	
Surrounding Condition tems of interest.)	15*: (Mark all that p	romate or i	impede recreation	nal us	es. Attach photos of evider	nce or unusual	
☐ City/county parks	☐ Playgrounds	☐ MDC	conservation land	ds	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ Nation	nal forests		☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☐ Steep s	slopes		Other: Agricult	one_	
Evidence of Human Us	e*:						
☐ Roads	☐ Foot paths/prin	ıts 🛘	Dock/platform		☐ Livestock Watering	☐ RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites		Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle	
☐ Other:	<u> </u>	<u> </u>		•			
<u>, </u>					· · · · · · · · · · · · · · · · · · ·		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

C107/05

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Page Two - Data S Stream Morpholo Upstream View						
					1.18.	
Upstream View		. 0.3	64.0 46	0 62	×10.	40,
		ensions:	Avg. Depth (Max. Depth (f	
□ Riffle Width		Length (ft):		· ,	<u>·</u>	
Run Widt		Length (ft):	Avg. Depth (Max. Depth (f	[
	1(ft): 9,4m	Length (ft): 20.	7.4		Max. Depth (f	1): -71-007 1-18~
SFlow Prese	nt? DYes	⊠ No	Estimated (fi	3		
Downstream V	iew Physical D	imensions:	of Stream	l∞. A		
☐ Riffle Width		Length (ft):	Avg. Depth ((ft):	Max. Depth (f):
□ Run Widt	n (ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth (fi);
□ Pool Widt	a (ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth (f):
☐ Flow Prese	nt?	□ No	Estimated (fi	³/sec):		
6.1				J.,,,		
Substrate*: (Thes		d up to 100%.) Gravel 0	% Sand &	% Silt	() % Mud/Clay	% Bedrock
15 200	<u> </u>	0.0.0.	N Danie LE	,	<u> </u>	70 20210411
Aquatic Vegetation	n*: (note amour	t of vegetation or a	lgal growth at the asse	ssment site)		<u> </u>
Alogal	Growth					
						· .
Water Character	istics*• Mark a	ll that apply)				
Odor:	☐ Sewage	□ Musky	☐ Chemical	© None	☐ Other:	
Color:	□ Clear	Green	□ Gráy	☐ Milky	☐ Other:	
Bottom Deposit:	□ Sludge	☐ Solids	Fine sediments	□ None	Other:	
Surface Deposit:		Scum	□ Foam	□ None	☐ Other:	
					<u> </u>	
Comments: Pleas	e attach additio	onal comments (including informati	ion from inte	rviews) to this fo	rm.
*This information is a	ot to be used sole	ly for removal of a	recreational use design	ation but rather	r is to provide a more	:
decision on the recrea						
_	-			•		
I, the undersigne datasheet is true	d, hereby affir	m to the best of	f my knowledge, t	hat all infor	mation reported	on this UAA
uatasneet is true	and accurate.	1D		/-	1	
Signed:	<u> </u>	15	Date:	_//_//	0>	
. (1	_ \			! 1	untal Kill	-1 1 - 1
Comments: Pleas *This information is a	ot to be used sole standing of water	ly for removal of a conditions. Conseq	including informati recreational use design wently, this informatio	ion from inte	rviews) to this for is to provide a more d to directly influence	e a

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1032_493_US







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

[Missouri WBID #:	94 (1032)		Site Location I	Description:				
ı	Site GPS Coordinates: N	, , , , , , , , , , , , , , , , , , , ,	J. 0620	7 15 Cross	15 Crossy on Stany Gar from Taos				
ļ		05 1510		Facility Name:	-9	w			
	Personnel: CB	JB		Permit Numbe					
	Current Weather Conditio	ns: Puty Cloudy	75°15	Weather Cond	itions for Past 7 days:				
	Photo Ids: Upstream:	1063 Down	nstream: ,	2062 Out	ner:	· .			
Us	Uses Observed*:								
	☐ Swimming ☐ Skin diving ☐			SCUBA diving	☐ Tubing	☐ Water skiing			
	☐ Wind surfing ☐ Kayaking			Boating	☐ Wading	☐ Rafting			
	☐ Hunting ☐ Trapping			Fishing	None of the above	☐ Other:			
	Describe: (include numbe	er of individuals recr	reating, fr	equency of use, phot	o-documentation of evidence	of recreational uses, etc.)			
					•				
	<u> </u>				· · · · · · · · · · · · · · · · · · ·				
Su	rrounding Condition	15*+ (Mark all that r	romote o	r impede recrestional	uses. Attach photos of evide	nce or upusual			
iter	ns of interest.)	a . (Mark an char p	nomote of	impose residuonal	uses. Attach photos of evide.	acc of unusual			
	☐ City/county parks	☐ Playgrounds	☐ MDC	conservation lands	☐ Urban areas	☐ Campgrounds			
	☐ Boating accesses	☐ State parks	☐ Natio	onal forests	☐ Nature trails	☐ Stairs/walkway			
	☐ No trespass sign	☐ Fence	☐ Steep	slopes	ExOther: Agricu	Hural.			
Ev	idence of Human Us	e*:			7				
	Roads	☐ Foot paths/prin	nts [Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks			
	☐ Rope swings	☐ Camping Sites	; [☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle			
	Other:		' "			, <u>, , , , , , , , , , , , , , , , , , </u>			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 494 (1032)

☐ Riffle Wi	đth (ft);	Length (ft):	Avg. Depth	.36, 0.08	Max. Depth (ft):	
	dth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
₹Z Pool Wi	dth (ft): 4/m	Length (ft): 20 m	Avg. Depth	(ft): 0.28m	Max. Depth (ft):	0.36m
N 6		No.	Estimated (f			
Downstream	View Physical D	imensions: 0.06	80.0	0.10, 0.10	L, 0.06	
	dth (ft):	Length (ft):	Avg. Depth		Max. Depth (ft):	
□ Run W	đth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
(Nool W	dth (ft): 3.0m	Length (ft): 20 m	Avg. Depth	(ft): 0.03 m	Max. Depth (ft):	0.12m
Flow Pr	esent? 🗆 Yes	X No	Estimated (f	t³/sec):		
	ese values should ad					
15 % Ca	bble / GO %	Gravel 15 %S	and 5	% Silt 5	% Mud/Clay	% Bedrock
Aquatic Vegeta	tion*: (note amoun	t of vegetation or algal gr	rowth at the asse	essment site)		
Alga'						
Water Charact	eristics*: (Mark a	Il that apply.)			·	
Odor:	□ Sewage		Chemical	None	Other:	
Color:	(Clear	☐ Green ☐ (Gray	☐ Milky	☐ Other:	
Bottom Depos	it: 🗆 Sludge	□ Solids	Fine sediments	□ None	☐ Other:	
Surface Depos	it: 🗆 Oil	∑KScum □	Foam	□ None	Other:	-
This information is comprehensive und lecision on the reciple, the undersignates latasheet is truckly latasheet.	s not to be used sole lerstanding of water reation use analysis l	onal comments (including for removal of a recreat conditions. Consequently out may point to condition on to the best of my	tional use design, this informations that need furth knowledge, 1	nation but rather is to on is not intended to her analysis or that e	o provide a more directly influence a ffect another use.	this UAA
Organization!	1410 186	. ' }	Positio	T -231 1 A-4 /	ran 1 / 137 . J. 3 I	

1032_494_US







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	·		100. 5					
Missouri WBID#: 490	(1032)		Site Location Description:					
Site GPS Coordinates: N	38.49904 Wa	2.06759	1st Crossy on Hely from lass.					
Date & Time: 7/7/0	Date & Time: 7/7/05 1430				of Francis Xavnur			
Personnel: CB	Personnel: CB JB							
Current Weather Condition	ns: Partly Cla	ربل	Weather Con	ditio	ns for Past 7 days:	• • • • • • • • • • • • • • • • • • • •		
Photo Ids: Upstream:	OS9 Down	stream: 40	58 o	ther:	Fence 2060	Can 2081		
Jses Observed*:	-				·			
☐ Swimming	☐ Skin diving	□ sc	UBA diving		□ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	□ Во	ating	\neg	☐ Wading	□ Rafting		
☐ Hunting	☐ Trapping	☐ Fis	hing		None of the above	Other:		
Describe: (include number	Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)							
					•			
			_					
Surrounding Condition tems of interest.)	S*: (Mark all that pr	omote or in	pede recreation	ıal use	es. Attach photos of evider	oce or unusual		
☐ City/county parks	G D		onservation lands	Т	☐ Urban areas	П. Сi-		
	☐ Playgrounds			is		☐ Campgrounds		
☐ Boating accesses	} +	☐ Nationa			☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	(X) Fence	☐ Steep sle	opes		SITE DIRECTLY DOW	AL ALAN A SILA AT		
Evidence of Human Use	e*:				LUDIS TO BE A SMALL	- Aptm		
Roads	☐ Foot paths/print	ts 🔲 1	Dock/platform		☐ Livestock Watering	□ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites		Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle		
☐ Other:								

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

Cab

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 195 (1032)

Stream Morj Upstream	ohology: View Physi	cal Dim	ensions:	1 Streambed		· ·	
□ Riffle	Width (ft):		Length (ft):	Avg. Depth		Max. Depth (ft):	
□ Run	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	··-
□ Pool	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Flow	Present?	☐ Yes	□ No	Estimated (1	t³/sec):		
Downstre	am View Ph	vsical I	Dimensions: 🔿	0,00,0	0.0	60.0 4	
☐ Riffle	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	-
□ Run	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	. "
'S P∞l	Width (ft): 4	,6m	Length (ft): 200	Avg. Depth	(ft): 0.02~	Max. Depth (ft): 0	104m
S Flow	Present?	☐ Yes (Ø No	Estimated (f	t³/sec):		
Substrate*: (These values should add up to 100%.)							
			Gravel ()	% Sand 5	% Silt 5	% Mud/Clay	% Bedrock
Water Char	-	: (Mark a	ll that apply.)		·		<u>.</u>
Odor:	□s	ewage	☐ Musky	☐ Chemical	None None	Other:	
Color:		lear	☐ Green	☐ Gray	☑ Milky	M Other: Brown	<u> </u>
Bottom De	posit: 🗆 S	ludge	□ Solids	ÉFine sediments	☐ None	☐ Other:	
Surface De	posit: 🖸 C)il	□ Scum	□ Foam	(⊠ None	Other:	
*This informaticomprehensive decision on the I, the under datasheet is Signed:	on is not to be understanding recreation use signed, here true and ac	used sole of water analysis	ely for removal of a conditions. Consequent but may point to con	recreational use designently, this information ditions that need furth my knowledge, the	nation but rather is on is not intended ther analysis or that that all information	to directly influence a	
Organizatión	- L-c)) &	100		Positio	n:	WATER JUILING	<u> </u>

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